

PATHWAYS

Energy Services and Technology (A.A.S. Degree)

FALL 2015-SPRING 2016

REMEDIAL SEQUENCE (if required)

ESL 1 (8) ▶▶ ESL 2 (6) ▶▶ ESL 3 (6) ▶▶ ENG 9 (4)

ENG 1 (4) ▶▶ ENG 2 (4)

RDL 1 (4) ▶▶ RDL 2 (6)

MTH 1 (4) ▶▶ MTH 5 (6) ▶▶ MTH 06 (6)

CHM 2 (4)

GRADUATION REQUIREMENTS

CAT-R CAT-W CAT-M 2.0 ≥ GPA

Writing Intensive 1 Writing Intensive 2

FRESHMEN SEMINAR

FYS 11/OCD-1

¹Students planning on transferring to a four-year program may substitute MTH 30 and MTH 31 for MTH 13 and MTH 23.

REQUIRED COMMON CORE

<input type="checkbox"/> A	English Composition ENG 10 OR ENG 11; AND ENG 12	6
<input type="checkbox"/> B	Mathematical and Quantitative Reasoning MTH 23 Probability and Statistics ¹	3
<input type="checkbox"/> C	Life and Physical Sciences PHY 11 College Physics	4
Subtotal:		13

FLEXIBLE COMMON CORE

<input type="checkbox"/> A	World Cultures and Global Issues HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World	3
<input type="checkbox"/> D	Individual and Society COMM 11 Fundamentals of Interpersonal Communication	3
<input type="checkbox"/> E	Scientific World ENV 11 Introduction to Environmental Health OR CHM 11 General College Chemistry I	4
Subtotal:		10

REQUIRED AREA OF STUDY

<input type="checkbox"/> BUS 10 or BUS 51	Introduction to Business OR Business Organization and Management	3
<input type="checkbox"/> COMM 12	Voice and Diction: Business and Professional Speech	2
<input type="checkbox"/> ECO 11 or ECO 12	Microeconomics OR Macroeconomics	3
<input type="checkbox"/> ELC 11	DC Circuit Analysis	4
<input type="checkbox"/> ELC 15	Computer Applications in Technology	2
<input type="checkbox"/> MTH 13	Trigonometry and College Algebra ¹	3
<input type="checkbox"/> Restricted Elective	Choose from: ART 10, MUS 10, PEA (one credit course), CPR 10, OR WFA 10	1
Subtotal:		18

SPECIALIZATION REQUIREMENTS

<input type="checkbox"/> EST 11	Introduction to Energy Technology	2
<input type="checkbox"/> EST 15	Energy Economics	3
<input type="checkbox"/> EST 21	Energy Analysis of Mechanical and Electrical Equipment	2
<input type="checkbox"/> EST 31	Building Systems I	3
<input type="checkbox"/> EST 32	Building Systems II	3
<input type="checkbox"/> EST 41	Principles of Energy Management I	3
<input type="checkbox"/> EST 42	Principles of Energy Management II	3
Subtotal:		19
TOTAL :		60